	py Approved for Release 2011/0	J9/20 : CIA-RDP78		8-1
3. Order No. (s)	TECHNICAL	ACTION	1. Request No.	
PSC 11.8 UNV	REQUES	1	2. Data	
Contractor		5. Address	1-4-74	25X1
. Sub-Contractor		1. Address		∠2 V I
Equipment	RP-6	9. Quantity A	ffacted	Buller (Blazzi) vedét agrégieun det eller gemig áljantájása az ess a
Purpose	M-0		Remainder of	f Order
Deviation Approval	☐ Interpretation	☐ Inform	ation 🔼 Re	s cenne nda tilo:
. Approval will aff				SUCHANICA COMMUNICATION OF THE PARTY OF THE
Price (In	ncrease-Decrease)		Vath/061	HANGALANAA
The adde to be determined coded bul	to 120 tap of 7201 R201 R202 100K R205 R205 R205 R205 R206 R205 R206 R206 R207 R208 R208 R208 R208 R208 R208 R208 R208	to Fina 1/2 watt 5% canonged from a yell	use FZo! arbon resistor whose low coded bulb (465)	e value is
quired across The change reasons: (1) the necessity occur in a repermitting a permitting a perm	posed change will reduce to five unit because finer of the network to fire the neget of neon lamps from yell. The use of the red coded by of changing the remainder gion of greater population greater yield of usable but and interchangeability will be submitted by the curately determined.	control can be one on bulb. Low coded to reduce the permits the of the network of density in the albs from stock.	i coded is desirable addition of R-205 and (2) the red command distribution	oltage re- e for two owithout oded bulbs on curve
				25X1 25X1

3. Order Sanitized C	Copy Approved for Relea	ECHNICAL AC	0: CIA-RDP78	3-03424A00	22400020068-1	
4. Contractor		REQUEST		→ JIATO	1-4-54	25X1
6. Sub-Contractor			Address			nc s
8. Equipment 10 Purpose	RP-6	9.	Quantity A	fected Re	mainder of o	rder
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Deviation Approval	☐ Interpre	station	☐ Informa	ition	∑ Reco	mmendation
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Galgarate RR-6A	9. 0	mentity Affect	Ent	re Order	
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Deviation Approval	Interpretation	☐ Information			
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Approval is requested to m	ake the following char	Re TH AND INC.		_ metro ≤ +4	o V7 to
Approval is requested to m Add a .001 ufd cerami	c disc capacitor (to)	be designated	C-58) from	a pin 7,00	sistor
Add a .001 uid cerami	c disc capacitor (to) or is intended as a by he the contractors p	ypass for the	€ Other Co	► 400 A A	
(R=27), 921R142 will	or is intended as a book the contractors p	SLC Homber.			
(R-21): 72	change is to improve o	neration of the	ne orystal	calibrat	or or
The nurpose of this	change is to improve o	mitted protot	pes had a	°001 ntq	capacito
Jue hat bose of	17 A OF THE BUD		, , , , ,	daws that	t.rouble
above 17 MCa	MUTTE HOUR OF ANY	001 -4-m4 W00	won to bel	T010 MIL.	,
The purpose of this of frequencies above 17 Mc.	d location, there is s	ufficient rea	yon to bell rystal cal	ibrator o	an be
The purpose of this of frequencies above 17 Mc. used in the aforementioned in property that the encountered in pro-	d location, there is so duction unless the ou	ufficient realitput of the c	son to bel	ibrator o	an be
crequencies above 17 mg. ased in the aforementioned and the encountered in pro-	d location, there is so oduction unless the ou	ufficient real tput of the c	rystal dal	ibrator o	en be
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Contractor	-					25 X 1
Sub-Contractor			7. Address			
Equipment	rs-6A		9. Quantity	ffected	Entire Order	Militario du en mabientago i assum e P
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		AC	TION I			
Îŧ	is requested th	at the oregen	. Teler ear ni	ece and cord	designated as	
HS-301	and W303 respect	ively, with	part n	umbers 430EL	Ol (cord) and	25
4508161 set be	(ear plece) be substituted carr	deleted from twing the new o	the equipment :	RS-6A and a ! mbers HS302.	Telex double ear HS303 for the	r
ear pie	ges and W306 for	the "Y" cord.	The Telex n	umbers are #	ibly for each e	ar
piece a No. 869	und #8694 for the	5 ft. "Y" cor	d. The total	assembly car	rries the Telex	
. *						25
	e equivalent OBl46 for the "Y	n cord.	Dels ATTT DG &	HOURTUS IOL (each ear piece	25
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			Projec	t Engineer	· .	
•		ACT	Projection II	t Engineer		
Name Ta	enecton Endones-	****	-	t Engineer		
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soon a	available. The	re will be a p	rice increase	involved.		
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Plant S	Supervisor #114	<u>AC'</u>	PION III			
Plant S	Supervisor #114	<u>AC'</u>	PION III			
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	Contractor				25X1
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	PSC XX UM		TE CHNICAL		78-03424A002400020068-1 26

ACTION I

Approval is requested to change section h.h.3.5 in Specification No. 50-K-1006A regarding the range of the fiduciary.

The statement regarding the ability of the fiduciary, made in TAR #20, is in error regarding its workable range. The range of the fiduciary will not correct the present calibration deviations.

The design of the fiduciary limits its travel as shown in the table below.

DIAL CALIBRATION ACCURACY AND FIDUCIARY RANGE.

	Low Band			High Ba	nd	•
Frequency	Allowable + Error	<u>-</u>	Frequency	+	Allowable Error	.
3.0 mc	10 ± 25 kc	8	6.5 mc	20	± 50 kc	10
3.5 mc	15 ± 25 kc	10	7.0 mc	30	± 50 kg	13
4.0 mc	22 = 25 kc	18	7.5 mc	30 35 40	± 50 kc	20
4.5 mc	33 ± 25 kc	21	8.0 mc	40	± 50 ·kc	25
5.0 mc	49 ± 25 kg	29	8.5 mc	50	± 50 kc	30
5.5 mc	51 ± 25 kc	35	9.0 mc	60	[±] 50 kc	35
6.0 mc	60 ± 25 kc	,710	9.5 mc	70	± 50 kc	30 35 45
6.5 mc	55 ± 50 kc	1 10	10.0 mc	7 <i>5</i> 85	[±] 50 kc	50
			10.5 mc	85	± 50 kc	50 55
,			11.0 mc	100	± 50 km	60
			11.5 mc	110	_ ± 50 kc	70
			12.0 mc	125	100 kg	60
	•		12.5 mc	135	½ 100 kc	75
	•		13.0 mc	145	≟ 100 kc	80
		•	13.5 mc	140	½ 100 kc	90
			14.0 mc	140	₹ 100 kc	100
	•	•	14.5 mc	125	½ 100 kc	95
			15.0 mc		= 100 kc	75
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•			Projec	t Engine	er "	

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4. Contractor						25X1
6. Sub-Contractor			11 Address			
8. Equipment	RR-6		9. Quantity	Affected		**************************************
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Equipment RR6A		y. Quantity A		
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proval is requested to a tual travel of the fiduce equencies.	rite into the pertinciary mark. The fide	derary corrects	CHITDIALO	ton billor only to ser
	iduciary Calibration	limits Fiducia		
4.5 MC 15 KC	25 KC	10 KC 12 KC		
5. MC 20 KC 6. MC 35 KC	25 KC 25 KC	25 KC	·	
7. MC 60 KC	50 KC 50 KC	35 KC 65 KC		
8. MC 75 KC 9. MC 100 KC	50 KC	70 KC		
10. MC 100 KC	50 KC	70 KC		
	1			
High Band . F	iduciary Calibration	limits Fiducia	ry	
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10 MC 40 KC	50 KC	20	KC KC	
10 MC 40 KC 11 MC 40 KC 12 MC 65 KC	50 KC 50 KC 50 KC 50 KC	20 30 40	KC KC KC KC	. :
10 MC 40 KC 11 MC 40 KC 12 MC 65 KC	50 KC 50 KC 50 KC 50 KC 50 KC	20 30 40 40 60	KC KC KC KC KC	
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6. Sub-Contractor			7. Address	A C Co ot o d		
8. Equipment 10 Purpose	RR6A		9. Quantity	Allected		
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TAX.		REQUES)1		-1-54	
. Contractor						25X1
· Sub-Contractor			7. Address			
• Equipment	rr6		9. Quantity	Affected		
0 Purpose				•		
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	,	AC	CTION I		·. •	
control setting The following t	is a realistic	lead dressing, production fig	results of a	pilot run of	25 receivers.	, or to we
Gray le	ad dress on 25	units to check	osc. pull wit	th volume cont	rol setting.	
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7106 "	1415.7		7 KC			
7107 " 7119 LL20	կկ17.3 կկ22	٥.	L KC			
7116 "	4422.7	5.	L KC			
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7115 "	կկ22.3	4.	.6 KC		•	•
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7118 "	LL123		6 KC			
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7122 "	4425.5		II KC	F KC		
7127 " 7082 4422.5	կկ20.7 կկ21.1		.ц кс 67 кс			
7080	4420.7	3.1	43 KC	2 KC 6.6 KC		
7083 " 7086 "	կկ15 . 1 կկ20 . 8	14. 3.	.1 KC .2 KC	O.O AU	•	
7081	hh19.0	6	.6 KC	2.42 KC		
7079 7085	կկ21.5 կկ21.7		.9 KC			•
7087	4419.6	5	.5 KC	2.2 KC		
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184		REG	QUEST	2. Date	
Contractor				May 3, 195)	25X1¯
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Equipment	RR-6A		9. Quantity	Affected All	
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SUBJ: Calibra Lequest Permis			ACTION I ncy of calibration	on crystal at present 5	00 KC to
		become T wed.			
equest Permis	sion: (2)	With either presents to test the solid	ent crystal (500	KC) or 1 Meg crystal (if allowed)
		connected.	oration crystal,	with the receiver ante	nna dis-
(5)					
eason: (1)	The present	500 KC crystal no	ote at its higher	r harmonics can be read introduces extraneous n	ily detecte
	results in	difficulty in dete	ermining desired	audible beat.	orses and
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	however, be	pointed out that ation at only each	the 1 Meg. crys	strength of beat note. tal will provide check The instruction book wo	points for uld be mod-
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The	500 KCS cali	bration crystal s	hall continue to	be used, and may be cl	necked
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184		REQUIS	ST	2. Date	ay 3, 1954	
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ŬD [#] •	RS-6 equipment has purchast do not referent the "AC Operation	sed and has note RR-6A and hook-Up"	nor the "Batte	ction quant "Hand Gene ery Operati	ities of #433 rator Operati on Hook-Up" d	M110 deca:2 on Hook-
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PSC 128 UNV		REQUES		2. Date	May 27, 195	2.
4. Contractor			15. Address			25X1
6. Sub-Contractor			7. Address			
8. Equipment	RS-6A		9. Quantity	Affected	All	
10 Purpose				÷		
Deviation Approval	☐ Int	terpretation	☐ Info	rmation	☐ Reco	mmendation
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1. This TAR is is ruption to his protect on the subject of an analysis of the equipment specific paragraphs. 3. Monday and The run evaluation and subject equipment submitted by by 1. Pilot run day were reached at	initiated to perroduction line for the be temporary in engineering in the engineering in equipment in projections may be a l & 2 ABOVE AR uesday, May 24th at resolve certains and approvements indicated certains indicated certains and approvements an	acilities. It acilities. It and further investigation by a ginvestigation by a ginvestigation duction, with authorized. E THOSE OF GO and a sin limits to be made to the wed with proving the Governmentain relaxati	to commence it is understood that the inity Motorola. On shall be out redesign VERNMENT REP meeting was allow tentative sp sions by a lent. ons were in	tial 50 production to improve, on which resentative held at to proceed to ecification etter dated order and t	to discred with product covering the coverin	vill be al characts to the 25X1 uss th25X1 ction 25X1 e RS-6A as 95h, 51X1 25X1
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representing						25 X 1
a. Spec. pa	ragraph 5.3.4 I	Power Output T	ransmitter F	RT-6A		
Until su be established, 4.5 watts with r requested that w 75 ma. DC opera requirement with measure the powe eration. Theref ment when workin garding power ou acceptance of un	egulated plate to be allowed a partion, 3.5 watts of concentration, with routput from recore, inability of with its own catout. It is to	work against to voltage, 400 Verblate current with 5.7 Verblate to segulated test of any transmit equipment powers be permissible.	DC. Althoum not to exceed ament input regulated play panel supply itter to meet or supply is le to use the	igh not resc ad 80 ma in t. In order ate voltage, y source as t the specif	place of the respective of the respective of the part of the relation power out a basis for respective of the respective	previous power output sary 25X1 phasing op- tput require-

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c. Spec. paragraph is to us pilot run data that the effailed to pass this requi	nary data taken, if necessary, iduciary action and allowable do .6.3.1 Receiver RR-6A Signal to the present spec. limit of 2. equipments measured and by the material control of the following to the 60 cycle hum. The ratio as that actual noise residents.	o Noise Ratio O uv for AM. It is sthod of measurement of that the high sign prefere, it will be resiring after the second of th	evident from the at that the w25X1 mal to noise ratio permissible to
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SUB-CONTRACTOR REQUEST REQUEST SHEET 1 OF 1 SHEETS B. ADDRESS	2. DATE 1 July 1954 25)
SUB-CONTRACTOR B. ADDRESS	25) 21
SUB-CONTRACTOR	• 1
EQUIPMENT 10. QUANTITY AFFECTED	
PURPOSE DEVIATION INTERPRETATION INFORM	NATION RECOMMENDATION
APPROVAL WILL AFFEORD PRICE (INCREASE-DECREASE); NO DELIVERY:	NO INTERCHANGEABILITY: Explain Below)
CAUTION: INCREASE IN PRICE AND/OR CHANGE THE CONTRACT DEL REQUIRES APPROVAL OF THE CONTRACTING OFFICER.	

- SUBJECT: Changes in RS-6A equipments and specifications after submission of preproduction models.
- 1. It is the purpose of this TAR to consolidate on one document, the various changes and agreements reached with the customer.
- 2. All of the points discussed below have been previously requested either by TAR action or by phone conversation, but since the original requests were made and the approval verbally received did not necessarily mean the request was approved exactly as presented. It is requested that confirmation of the following points be given by an additional action to this TAR.
- 3. Power Output: Transmitter RT-6A (Specification Paragraph 5.3.4)
 - a. A.C. Operation: The following table of power output, in watts, vs. frequency in megacycles, shall apply when operated from power supply RP-6, set at 120 V Position and with 120 V AC input to RP-6.

Freq.	Band	75 OHMS	150 300 OHMS OHMS	600 OHMS	1200 OHMS
4.5 7.0 9.0 10.0	Low 11	5.5 8.0 8.5 8.5	6.0 5.5 8.0 7.0 8.5 7.0 8.5 7.0	6.0 7.0 7.0 7.0	6.0 7.5 7.5 7.0
10.0 14.0 16.5 21.0	High "	5.0 6.0 5.5 5.0	5.5 7.0 6.5 7.0 6.5 7.0	5.5 7.0 6.5 6.0	5.0 6.5 6.5 6.0

b. D. C. Operation: The following table of power output, in watts, vs. frequency, in megacycles, shall apply when operated from power supply RP-6, it the D.C. position and with the input voltage set at 5.7 V. (measured at the

3. CONTRACT NO.(S) PSC 184 UNV	TECHNICAL ACTION REQUEST	1. REQUEST NO. 32
4. SPECIFICATION NO. (S)	SHEET 2 OF 4 SHEETS	1 July 1954

vibrator):

Freq. Mc.	Band	75 OHMS	150 OHMS	300 OHMS	600 OHMS	1200 OHMS
4.5 7.0 9.0 10.0	Low u u	4.5 6.0 7.0 7.0	4.5 6.5 7.0 7.0	4.5 6.0 6.0	4.5 6.0 6.0 5.5	5.0 6.5 6.0 5.5
10.0 14.0 16.5 21.0	High u u u	3.5 5.0 4.5 4.5	6.0 5.5 6.0	4.0 5.5 5.0 5.0	4.5 5.5 5.5 5.0	4.0 5.5 5.0 5.5

• In order to guarantee the 5 W minimum it was necessary to modify Xmtr circuit as follows:

- (1) * Tube V101 Osc. type 6AG5 changed to 6AK6.
- (2) Tube pin 2 (suppressor grid) grounded.
- (3) Resistor R112 (1200 ohms) changed to 6800 ohms.
- (4) Capacitor Cl02 (47 mmf) changed to 15 mmf.
- (5) Capacitor Cl06 (5mfd) changed to 0.5 mfd.

*Tube type change was acknowledged by letter dated 10 June 195h.

It is agreed that ______ engineering department and the customer engineering department will jointly study methods of improving the keyed wave form. At such time as a mutual agreement can be reached for the circuit improvements these revisions will be incorporated in production on a running change basis.

Receiver RR-6A Dial Calibration (Specification Paragraph 4.4.3.5)

The unal calibration error shall not be in excess of that specificied in the following table.

•	Low	Band

Frequency	Allowable Dia	L Errors
4.5 5.0 6.0 7.0 8.0 9.0	+ KC 15 20 25 50 50 50	- KC 10 12 25 35 50 50
	•	

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3. CONTRACT NO.(S) PSC 18L UNV	TECHNICAL ACTION REQUEST	1. REQUEST NO. 32
4. SPECIFICATION NO.(S)	SHEET #3 OF 4 SHEETS	2. DATE 1 July 1.954

High Band

encolation and commentations		
	Allowable Dia	l Error
	₩ KC	- KC
	40	20
	40	30
•	50	49
•	٠. ٠	1.0

MC 10 11 12 13 Ш 50. 50 15 100 75 16 . 85 100 100 100 100 18 100 19 100-100 20 100 100 100° 21 100 100 1:00

Receiver RR-6A Signal to Noise Ratio (Specification Paragraph 4.6.3.0)

is to use the present spec. limit of 2.0 uv for AM. It is evident fri25X1 the pilot run data that the equipments measured and by the method of measurement that the units failed to pass this requirement. It has been established that the high signal to noise ratio of the pilot run is attributed to the 60 cycle hum. Provided that the hum level, with volume control set at minimum gain position, does not exceed 0.140 volts, it will be permissible to record the signal to noise ratio as that actual noise remaining after the deducted measured 60 cycle hum. As an alternate method Motorola is also permitted to measure signal to noise with the use of an auxiliary filter to eliminate the 60 cycle hum.

Receiver RR-6A Image Rejection Ratio (Specification Paragraph 4.6.7.1)

The limits as listed in "Tentative Specification for RS-6A" except item a changed from 55 db to 53 db and as approved by letter dated 2 February 1951, are to apply as follows.

Low frequency end of low band:

Frequency

- 35 db (b) High frequency end of low band:
- (c) Low frequency end of high band: 10 db
- (d) 22 MC 25 db

In order to meet the 22 Mc, 25 db requirement it has been necessary for Motorola to incorporate the following receiver circuit changes.

- (1) Cathode to ground Resistor R6 (at VI, Tube Type 5899) 120 ohm changed to 150 ohms.
- (2) Resistor R6 (150 ohms) shunted by added capacitor C59 33 mmf.

TECHNICAL ACTION SCIBLING REQUEST REQUEST SHEET 4 OF 4 SHEETS 1 July 1954 Receiver RH-6A Oscillator Radiation (Specification Paragraph 4.6.8.1) Radiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). mit of 40,000 microvolts for high band and 15,000 microvolts low band to apply. is check is to be made on a 1% basis for production equipments. Pecciver RH-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION II Project Engineer ACTION II	Sanitized Copy App	proved for Release 2011/09/	20 : CIA-RDP	78-03424A00240002006	8-1
REQUEST SHEET L OF L SHEETS RECEIVER RE-6A Oscillator Radiation (Specification Paragraph L.6.8.1) Radiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). Mit of LO,000 microvolts for high band and 15,000 microvolts low band to apply. Is check is to be made on a L% basis for production equipments. Pecceiver RR-6A Oscillator Frequency Pull (Specification Paragraph L.6.15) A limit of L KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph L.6.2.1) Faragraph L,6,2,1 of the specification to be modified to read: The ratio of escensitivity variation in the high band is not to exceed L.5 to 1. Project Engineer ACTION II Approved by: ACTION III	, q qr	T TECHNICAL A	CTION'	3	
Receiver RK-64 Occillator Radiation (Specification Paragraph 4.6.8.1) Radiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). Mit of h0,000 microvolts for high band and 15,000 microvolts low band to apply. Mis check is to be made on a 1% basis for production equipments. Pecciver RR-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Paragraph 4,6,2,1 of the specification to be modified to read: The ratio of e sensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION III Approved by: ACTION III					
Receiver RH-64 Oscillator Radiation (Specification Paragraph 4.6.8.1) Fadiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). In the control ho,000 microvolts for high band and 15,000 microvolts low band to apply. It is to be made on a 1% basis for production equipments. Pecceiver RH-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION III Mapproved by: ACTION III	PECIFICATION NO. (S)				1
Fadiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). mit of 10,000 microvolts for high band and 15,000 microvolts low band to apply. is check is to be made on a 1% basis for production equipments. Pecciver KR-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of e sensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION III Approved by:		Onec.		1 002/ 2//3	
Radiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). And the special state of the specification and 15,000 microvolts low band to apply. It is check is to be made on a 1% basis for production equipments. Pecciver RR-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION II ACTION III Approved by:			o: - Adam Do	magnaph 1, 6, 8, 1)	
Padiation measurement to be made in accordance with Spec. MIL-I-16910 (Ships). mit of 10,000 microvolts for high band and 15,000 microvolts low band to apply. is check is to be made on a 1% basis for production equipments. Pecciver RR-6A Oscillator Frequency Full (Specification Paragraph 4.6.15) A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION III Approved by:	Receiver RR-6A Oscil	lator Radiation (Speci	ilcation ra	ragraph w.o.o.	,
mit of h0,000 microvolts for high band and 15 basis for production equipments. Peceiver RR-6A Oscillator Frequency Pull (Specification Paragraph 4.6.15) A limit of h KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Paragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. 25X Project Engineer ACTION III ACTION III Approved by:			man with an	ec MTI-T-16910 (Ship	s).
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A limit of 4 KC at 19 MC is to apply. Receiver Sensitivity (Specification Paragraph 4.6.2.1) Faragraph 4,6,2,1 of the specification to be modified to read: The ratio of esensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION II Navy Inspector Endorsement: ACTION III Approved by:		•			3)
Project Engineer ACTION III Paragraph U.6.2.1) Approved by: Paragraph U.6.2.1) Paragraph U.6.2.1 Paragraph U.6.2.1) Paragraph U.6.2.1 ACTION III Approved by:					
Paragraph 4,6,2,1 of the specification to be modified to read: The ratio of sensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION II Plant Supervisor #114 Approved by:	A limit of 4 KC at 1	9 MC is to apply.			
Paragraph 4,6,2,1 of the specification to be modified to read: The ratio of sensitivity variation in the high band is not to exceed 4.5 to 1. Project Engineer ACTION II Plant Supervisor #114 Approved by:	niman Canaitivity	(Specification Parag	raph 4.6.2.	.1)	
Project Engineer ACTION II Plant Supervisor #114 ACTION III Approved by:					of f
Project Engineer ACTION II Navy Inspector Endorsement: Plant Supervisor #114 ACTION III Approved by:	Paragraph 4,6,2,1 of	the specification to b	oe modified	to read: The ratio	0,1
Project Engineer ACTION II Navy Inspector Endorsement: Plant Supervisor #114 ACTION III Approved by:	ne sensitivity variation	in in the high band is i	100 00 0x000		
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Navy Inspector Endorsement: 25X Plant Supervisor #114 ACTION III Approved by:					
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Plant Supervisor #11); ACTION III Approved by:	, y	· · · · · · · · · · · · · · · · · · ·			
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Service .		٧.	· ~•	TEC	HNICAL ! REQUES!		2. Date 1 July 1954 Action I, II, I 20 July 1954 Action IV,
				1		15. Addres	V, VI
Contrac	vor					7. Address	25X1
Sub-Con	tractor					9. Quantity	Affected - 22
Equipme	nt	RS-6/	Α.			9. Juanti o	y Affected See Below
Purpose	viation	1		Interpro	tation	☐ Info	ormation Recommendation
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				and the second s	<u>) A</u>	CTION IV	
pecified. This ill be a pplicable. It is mils	approvemade in le spec s also limit s	al is t an con ificati request pecifie	o apply centrate ons. Sed approach by spennitte	for a mi ed effort oval be a ecificati	nimum o to inc given to ion para (Specifi	f 1,000 unit rease the po allow a man graph 5.3.2 cation Paras	vs. Frequency in lieu of that 25X1 s while continued study by wer output and still meet all other ximum of 80 mils to replace the preser as the total plate and screen current. graph 5.3.4) ut in watts, vs. frequency in megacyc. , set a 120 V Position and with 120
	V AC in	nput to	RP-6.				
FREQ.	BAND	75	150	300	600	1200	
MC		ohms	ohma	ohms	ohma	ohms 5.5	
1.5	Low	5.5	5.0	5.0	5.0 6.5	7•5	
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0.0	H i gh	5.0	5.0	5.0	5.0 6.5	5.0 6.5	
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6.5					5.5	5.5	
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-	DO OF		•	OTTONITIE	CEDIE C	of power out	6. in the DC Position and with the in-
•						of power out; r Supply RP- at the vibra	put in watts, vs. frequency in megacyo 6, in the DC Position and with the in- tor).
5.					asured a		tor).
					asured a	at the vibra	tor).

order No. (s)			TECHNICAL ACTION TECHNICAL ACTION				32 2. Date 1 July 1954 Action I, II, 20 July 1954 Action IV, V, VI				
	- 1-4			transpolitoria ministrato e a lagramina	T5			20 July	7 1954 Act	ion IV,	2534
. Contrac					- 1	. Raares	, e,				25X1_
. Sub-Con	tractor				!	. Rudies		hathai			
· Equipme	ent	RS-6A				· - uanci	LUY ALI	. ec ve a	See Belo	W	
0 Purpose	9								r) - 4 d
IZ De	viation pproval		☐ Int	erpretat	tion	☐ Ir	oforma :	tion		Recomme	ndation
	val will	affect,									
		(Increas	ie-Decrea	ise)	No	Delive	ery		No Inter	changea	bility
				Ř	ACTI	ON IV	(con	td)			
FREQ.	BAND	75 ohms	150 ohms	300 ohms	600 obms	1200 ohms					
4.5 7.0 9.0	Low n	4.5 5.0 6.5 6.0	4.5 6.0 5. 5 6.5	4.5 5.5 5.0	4.5 6.0 6.0 5.5	5.0 6.5 6.0 5.5					
10.0 14.0 16.5 21.0	High n n	3.5 4.5 4.0 4.0	4•5 6•0 5•5	16.0 16.5 16.5 16.5	4.0 5.5 4.5 4.5	4.0 5.5 4.5 4.5					
	·	. * *			·			OLA, INC			
							MOTOR				
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	Supervis	<u> </u>				CTION VI	-				25.
Action I	ry is apr	proved ex	cept for	Paragra	aph 2.	A maximu	m of I	Appro	ved by: s (serial	nos. 8	001-9000)
shall be	governe	proved ex ed by Act	TOIL TA.	7,22			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				25 X 1
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(3, Last No. (s)			1. Request No.	
XAS UNIV	TECHNICAL	ACTION	. 33	
4 491	FEQUES	T	2. Date	
* prisractor		T 5.	July 29. 1	25X1
, 6. Sub-Contractor				nois
8. Equipment		7. Audi ess		
LRS-6A		9. Quantity Af	fected All	
10 Purpose Deviation				У V
Approval Int	terpretation .	☐ Informa	tion	ommendation
ll. Approval will affect.	the same white a min or attraction and appropriate the same of the	New y I h top I had programmed designation between the same reserve		
No Price (Increase-Decrea	ase)	NoDelivery	No Intercha	nomahility
	and the second s	- N	211001 0110	THE CAUTITO'S
	AC'	TION I		,
SUBJECT: Approval to change value	****			
11.00			•	į
1. Recent production of majority transmitter in meeting the revise	of equipments d power output	has indicated requirements	still marginal condi	tion of
				Í
2. Transmitters failing to meet resistor R108 (previously 270 ohms still within the approved limit of	s) changed to	leld additional 240 ohms. The	1 .25 to .5 watt with slightly increased c	urrent is
•		1		Ì
3. Approval to incorporate the ne	ew value of 24	0 ohms for R108	is therefore reques	ted.
4. The circuit diagram accompanis				į
				hange.
5. The change will not reflect in	n cost increas	e to the Govern	ment.	
				25X1
			A	
•				25X1
•		rroject Eng	ineer	
•			·	
	ACTIO	. II NO		
Navy Inspector Endorsement:				
				05.74
`\`				25X1
rlant Supervisor #1114				
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Action I approved providing perfor			• •	lons
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		or betters prot	otype and specificat	lons
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	mance equals o	or betters prot	otype and specificate	lons